

FIGURE 1

004220-99072960

004240" 99042950

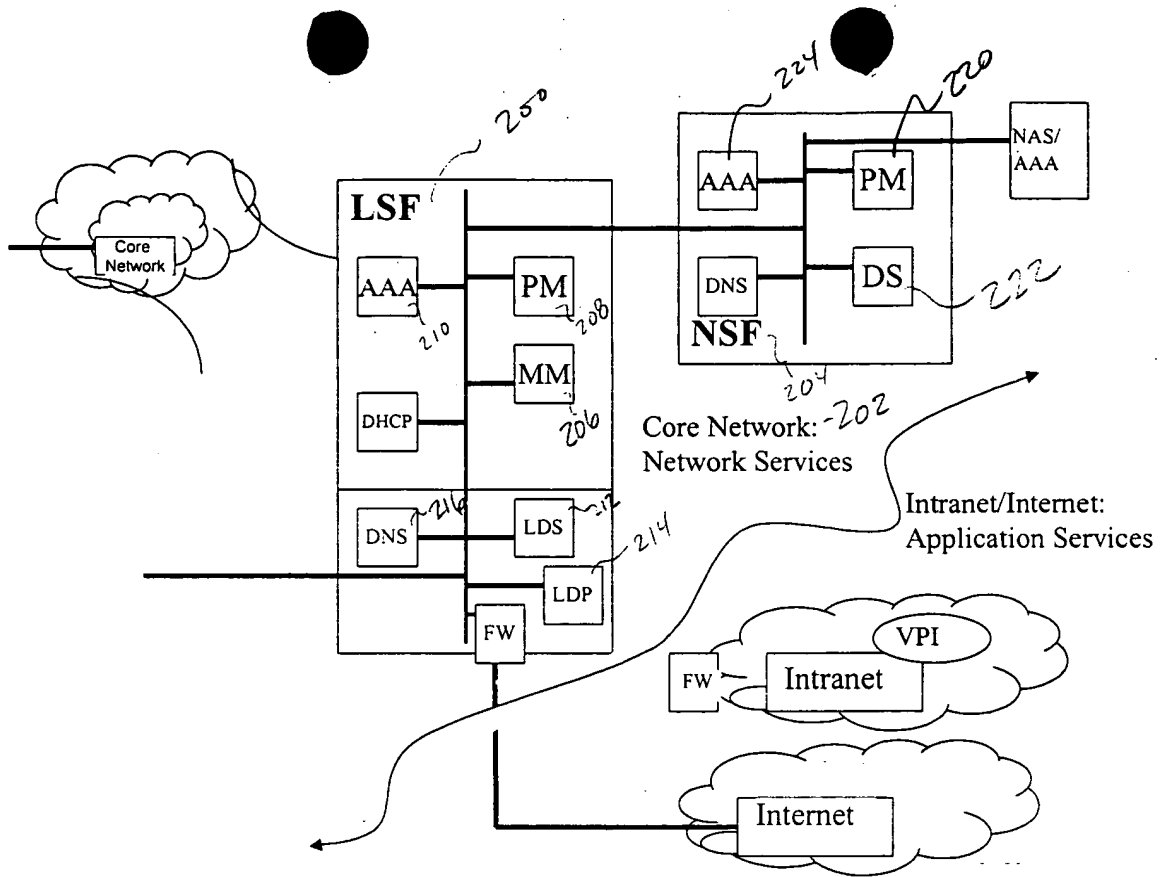


FIGURE 2

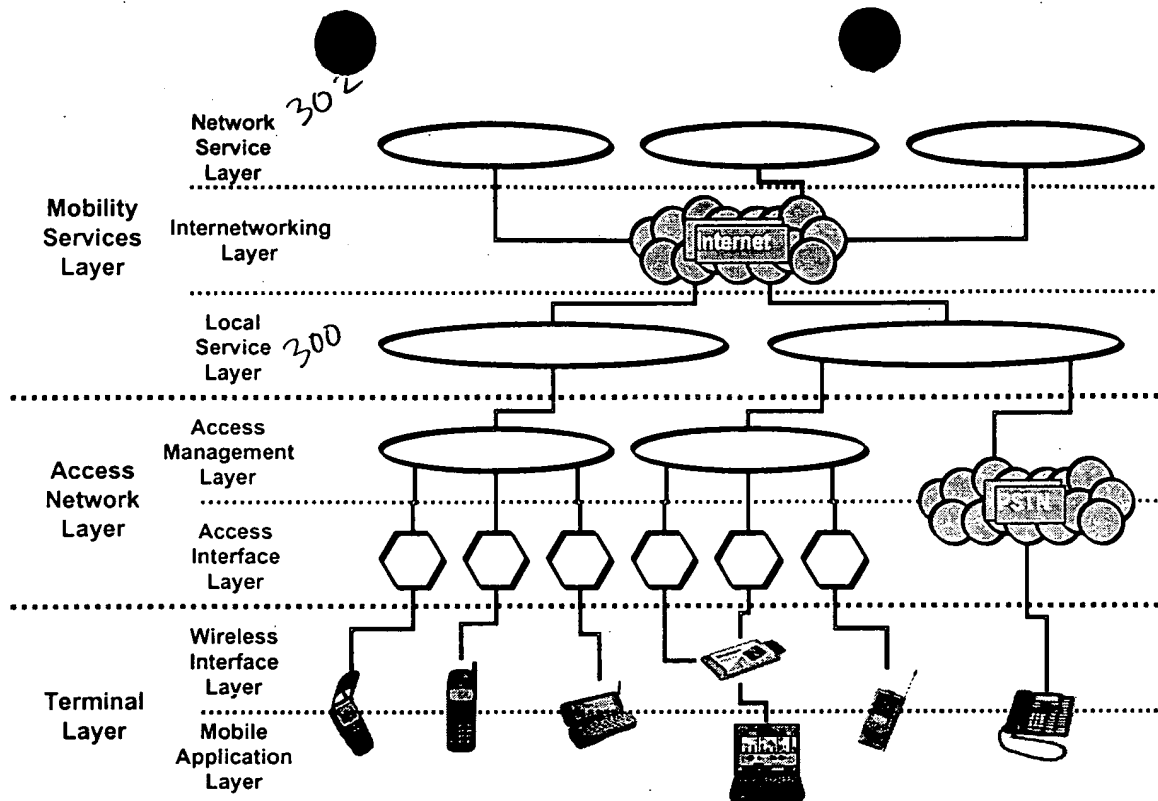


FIGURE 3

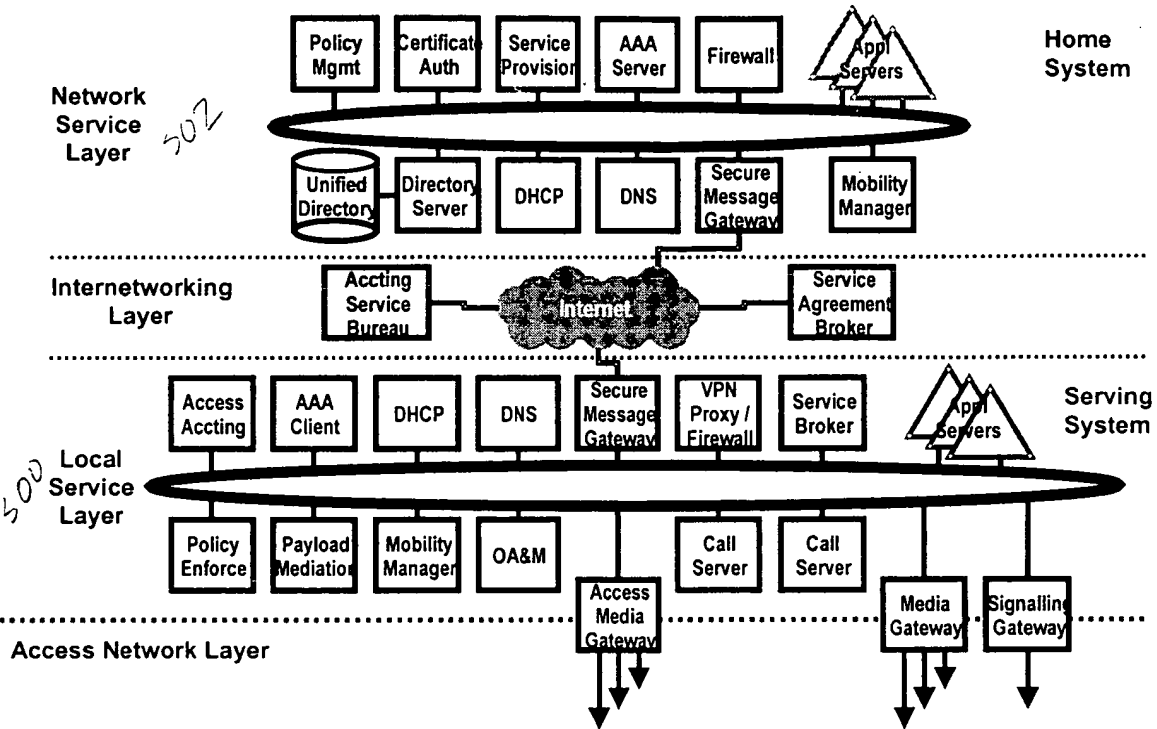


FIGURE 4

004240" 99042960

004220" 99042960

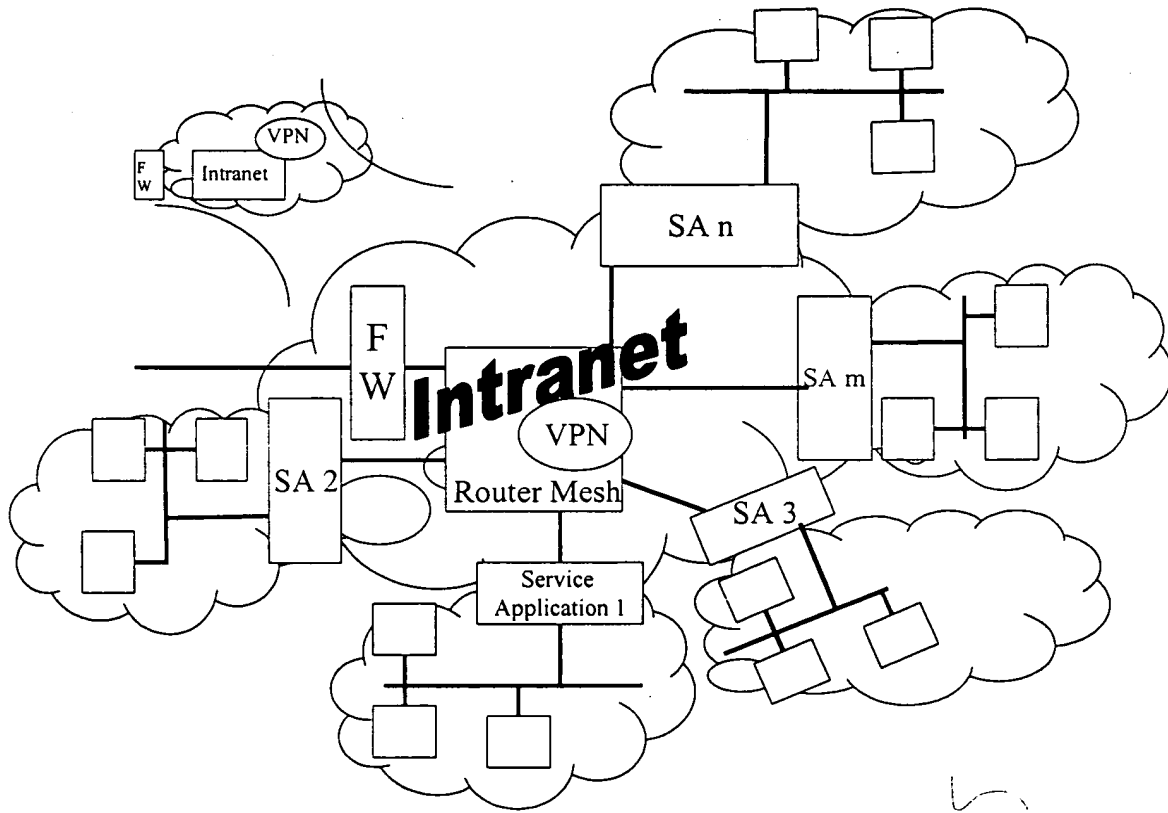


FIGURE 5

500

09624066.072400

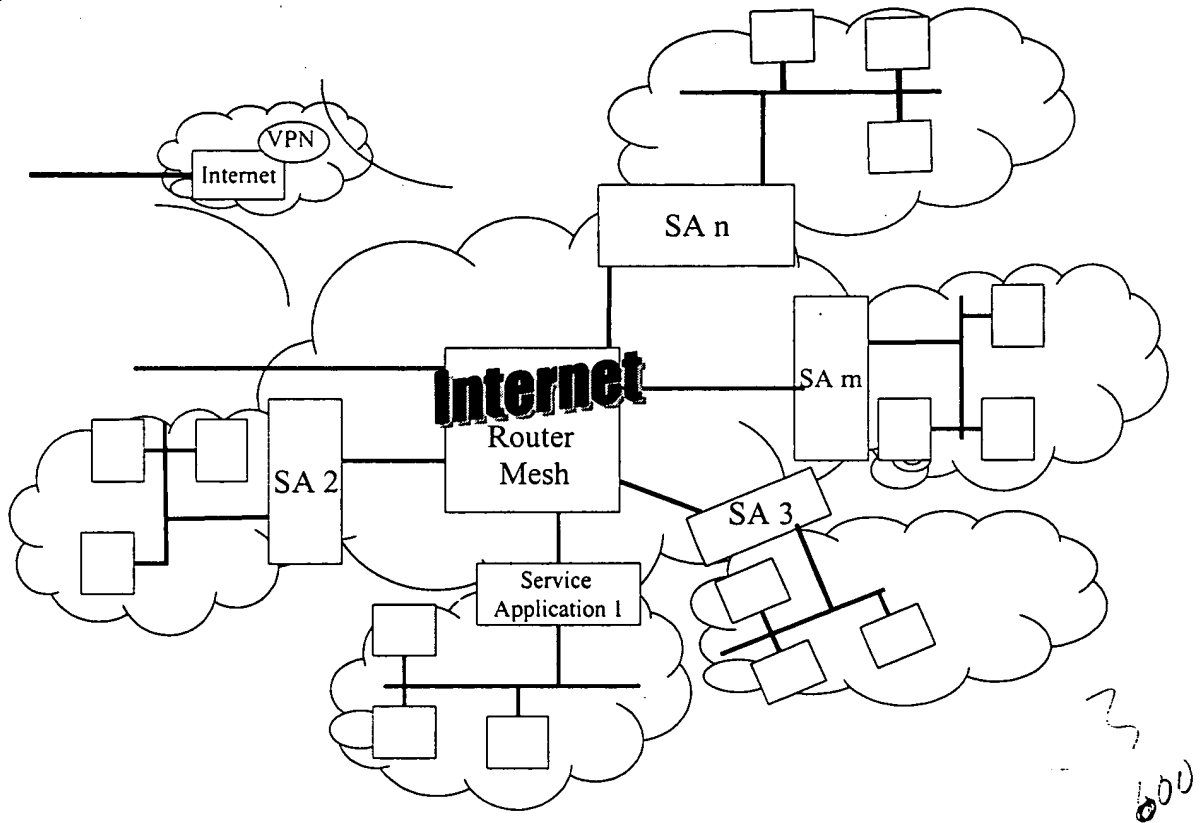


FIGURE 6

Numerals : External Interfaces
 Capital Letters: Internal Interfaces
 Lowercase Letters: Air Interface

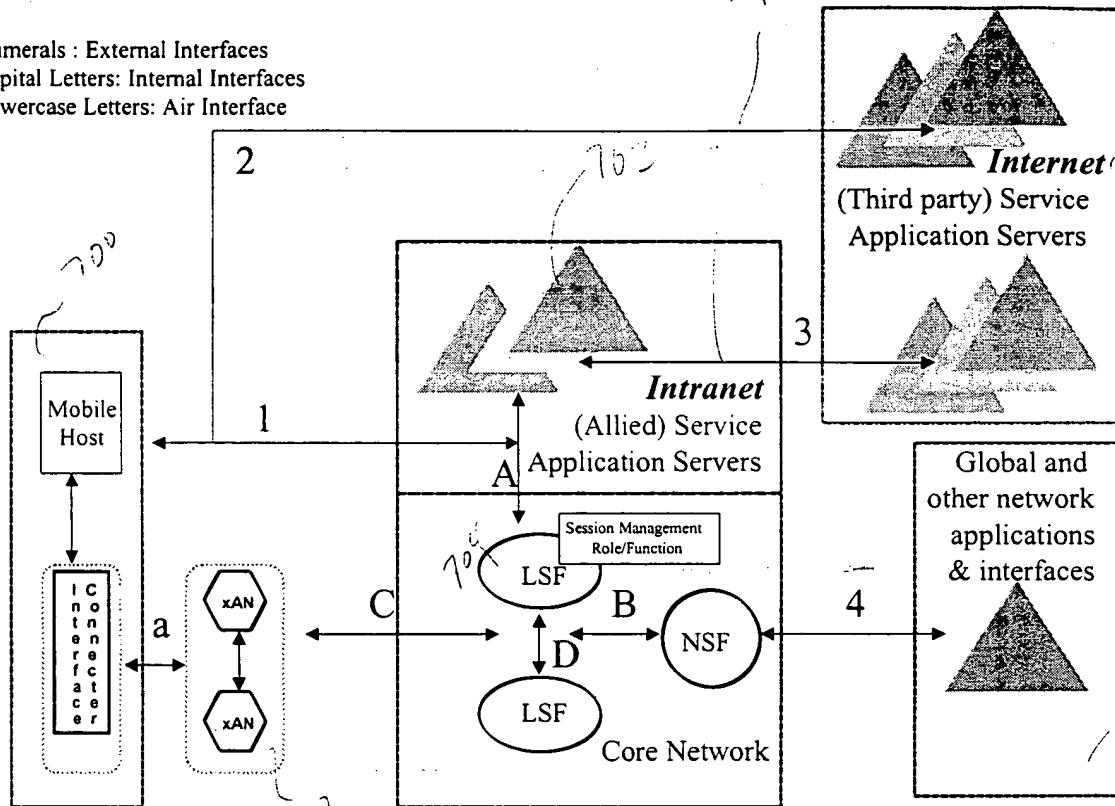
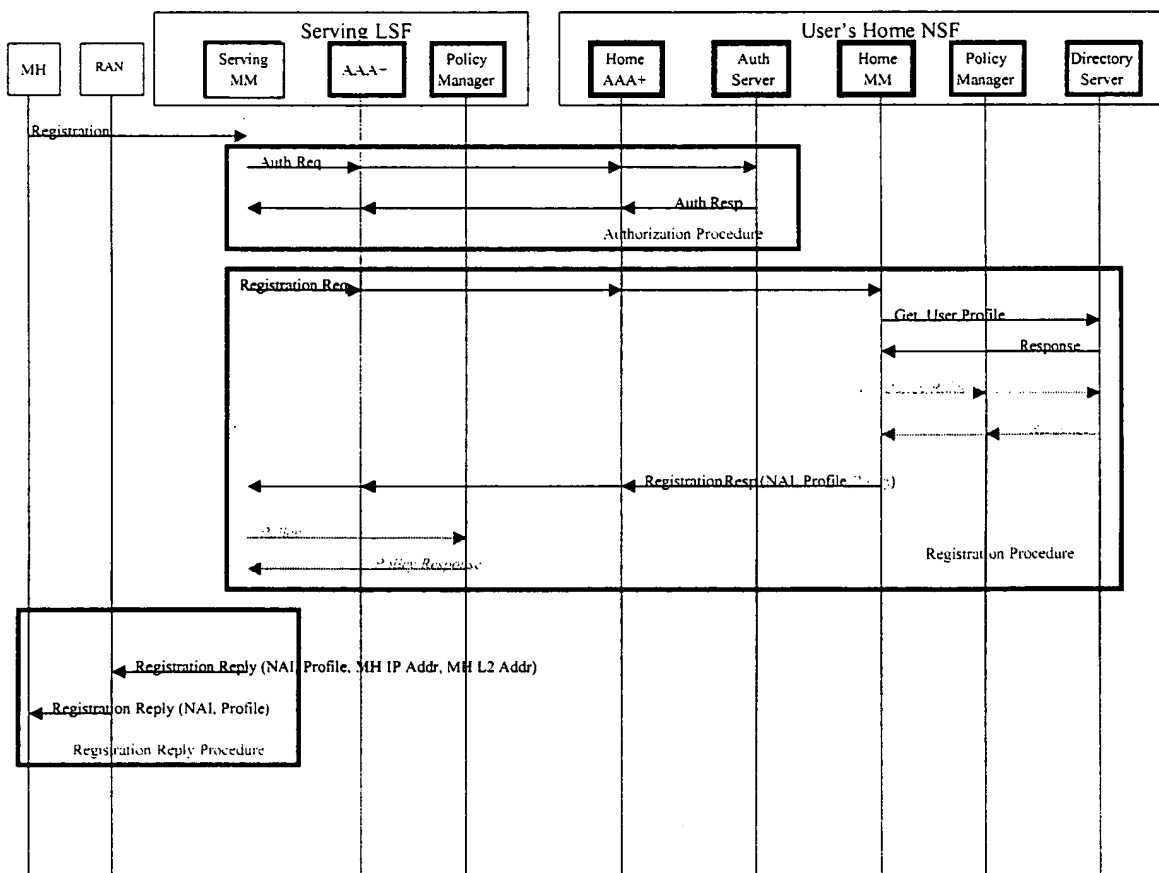


FIGURE 7

004220" 9042960

FIGURE 8



0962406 072400

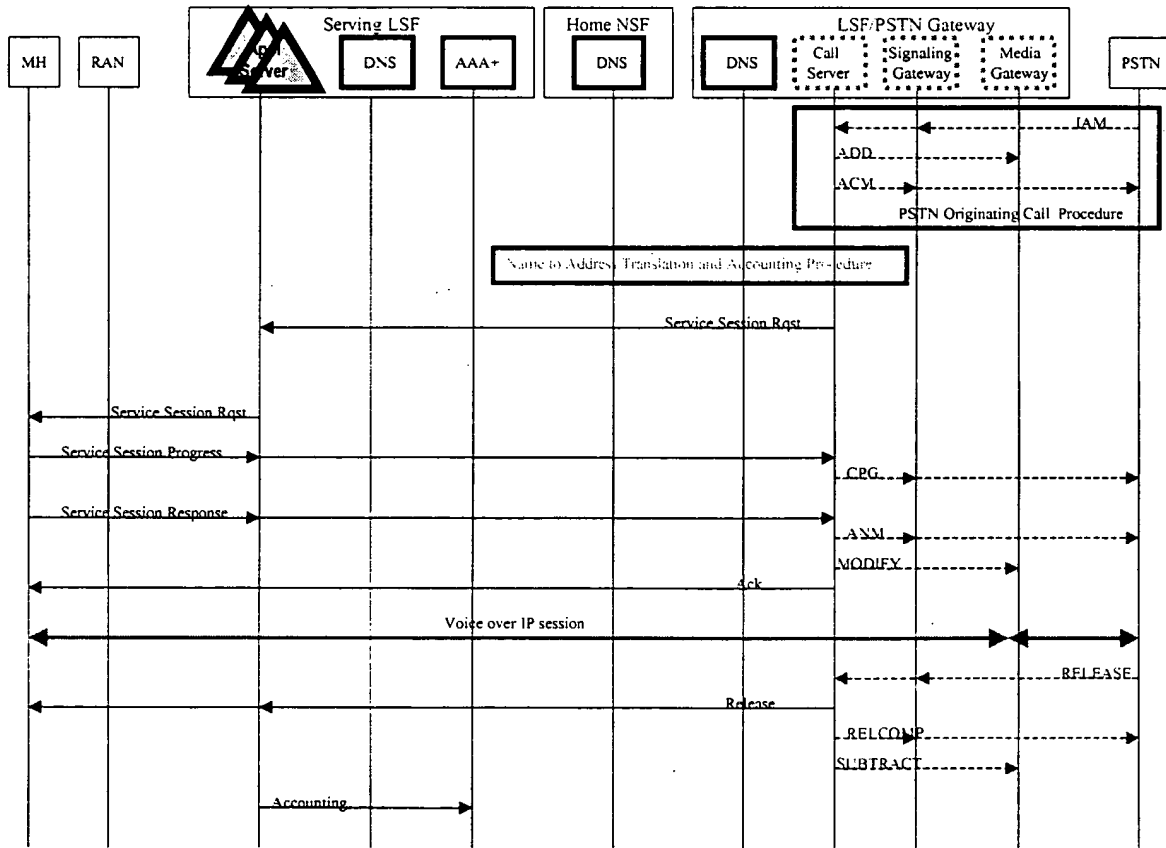


FIGURE 9

The diagram illustrates the Service Session Establishment and Release procedure across several network components: Mobile Host (MH), Radio Access Network (RAN), Serving LSF (containing App Server, DNS, and AAA+), LSF/PSTN Gateway (containing Call Server, Signaling Gateway, and Media Gateway), and PSTN.

Service Session Establishment:

- Service Session Rqst:** Initiated by the MH to the App Server in the Serving LSF.
- Local to Address Translation and Accounting Procedure:** A sub-process within the Serving LSF involving:
 - DNS Query:** From App Server to DNS.
 - Accounting:** From App Server to AAA+.
- Service Session Rqst:** Forwarded from the App Server to the Call Server in the LSF/PSTN Gateway.
- Call Setup:** The Call Server sends ADD, IAM, and ACM to the Signaling Gateway, which then forwards them to the Media Gateway. The Media Gateway sends ANM to the PSTN.
- Service Session Progress:** A message sent from the Call Server back to the App Server.
- Service Session Response:** Sent from the App Server back to the MH.
- Ack:** Sent from the MH back to the App Server.
- Voice over IP session:** Established between the MH and the Media Gateway.

Service Session Release:

- Release:** Initiated by the MH to the App Server.
- Release:** Forwarded from the App Server to the Call Server.
- Call Release:** The Call Server sends RELEASE to the Signaling Gateway, which forwards it to the Media Gateway. The Media Gateway sends RELCOMP to the PSTN.
- Accounting:** Sent from the App Server to AAA+.

Figure 10

00420904290

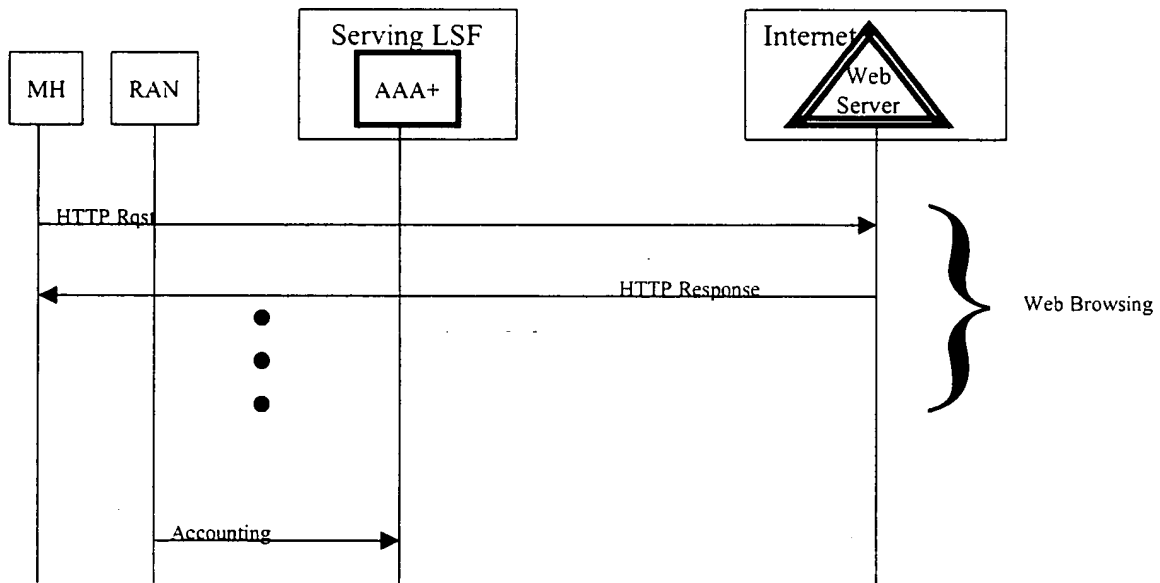


FIGURE 11

004706-2406

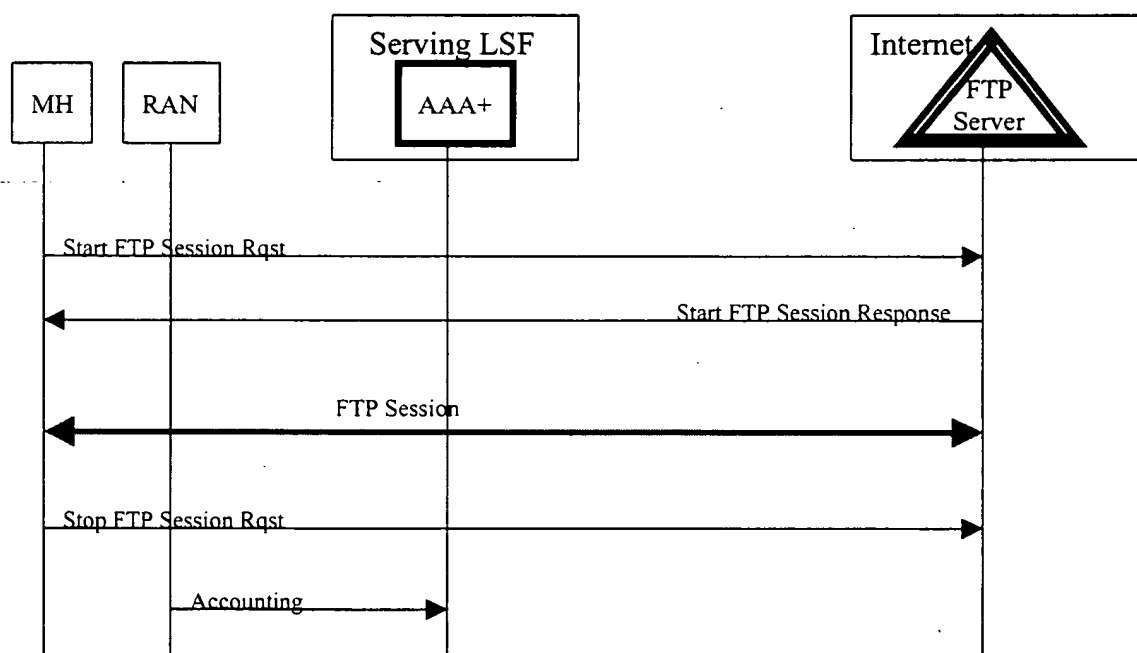


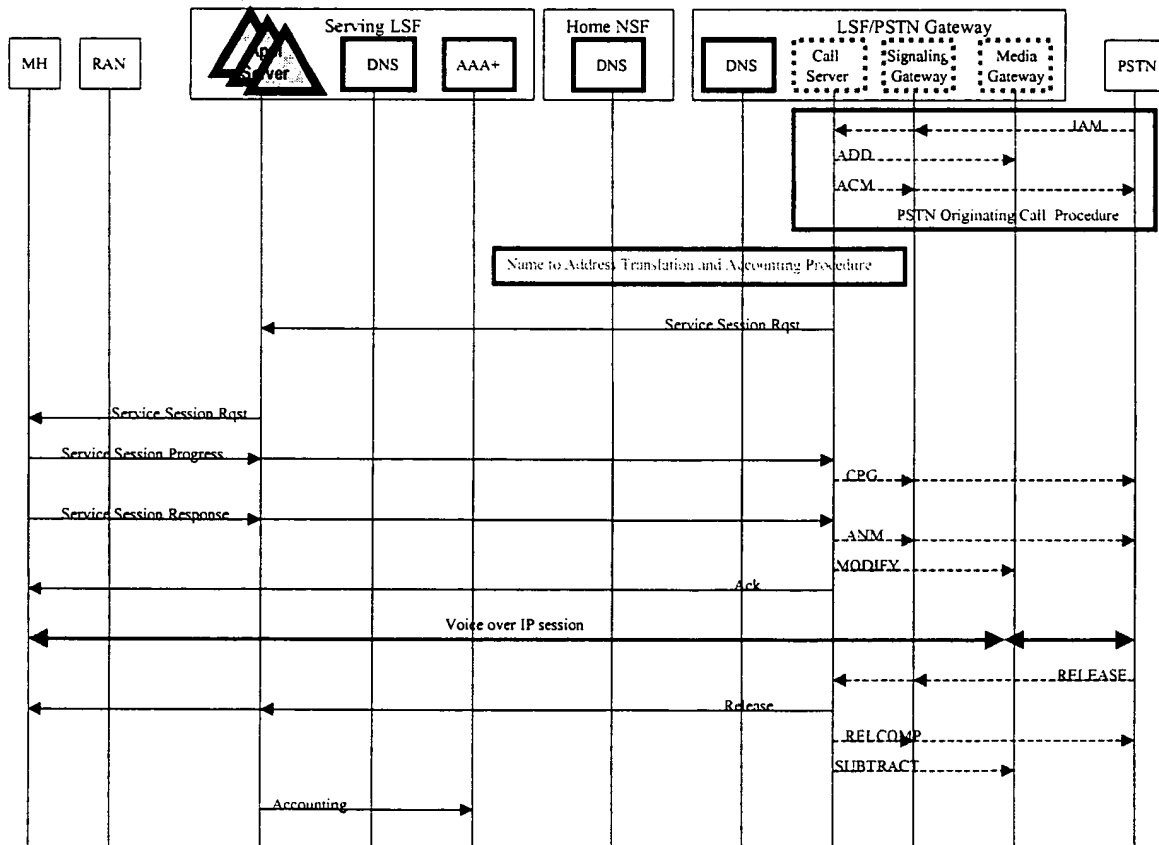
FIGURE 12

```
sequenceDiagram
    participant MH
    participant RAN
    participant SLSF as Serving LSF
    participant HNSF as Home NSF
    participant Internet

    HNSF->>Internet: DNS Query
    Internet-->>HNSF: Response
    HNSF->>SLSF: Start FTP Session Rqst
    SLSF->>RAN: Start FTP Session Response
    RAN->>MH: 
    MH->>Internet: FTP Session
    Internet->>HNSF: Stop FTP Session Rqst
    HNSF->>SLSF: Accounting
```

FIGURE 13

FIGURE 14



004406-0740

004240" 99042950

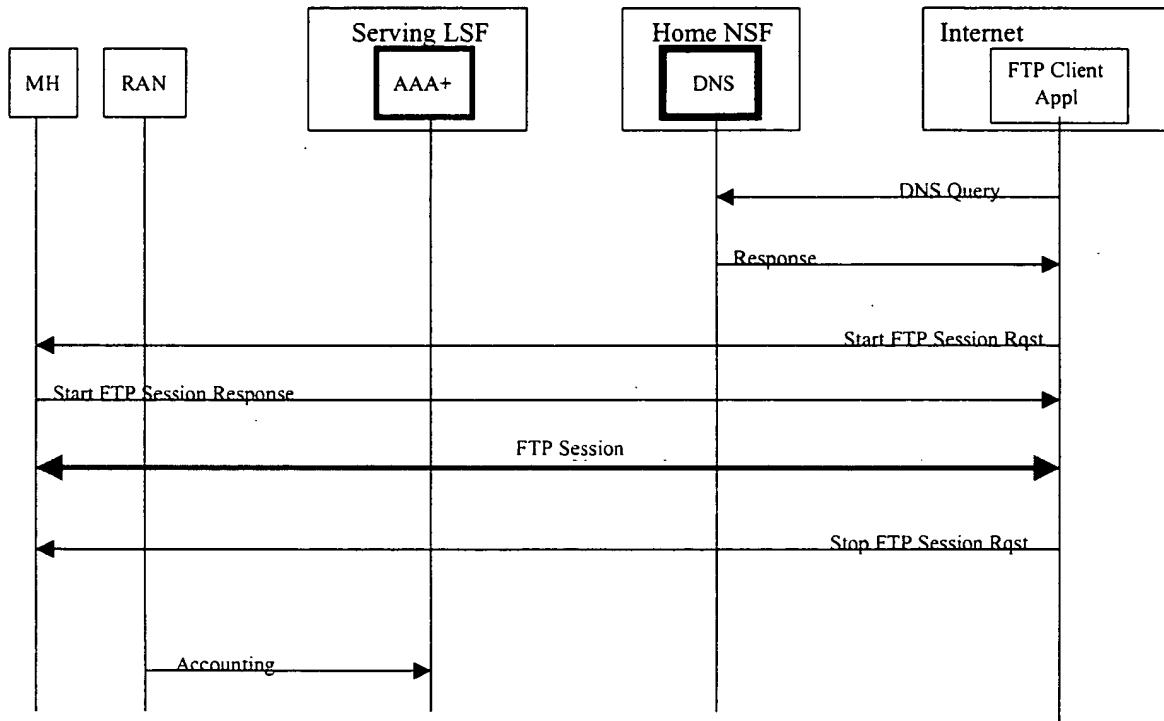


FIGURE 15

002406.072400

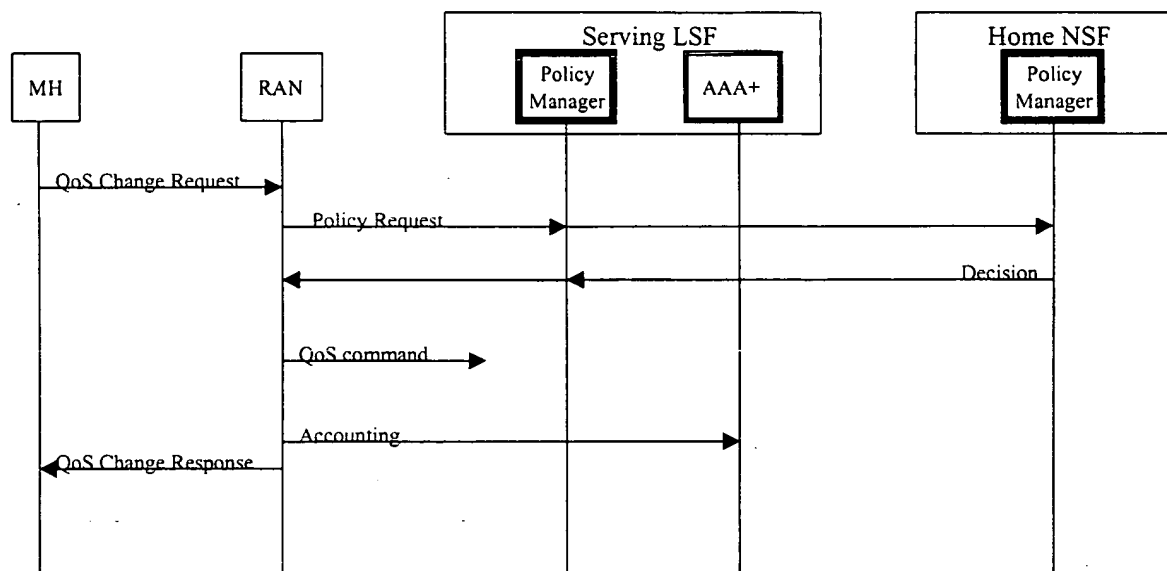


FIGURE 16